

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Edward A. Johnson

Serial No.: 09/762,077 Art Unit: Not yet known

Filed: 01/30/01 Examiner: Not yet known

Title: INFRARED RADIATION SOURCES, SENSORS AND  
SOURCE COMBINATIONS, AND METHODS OF  
MANUFACTURE

Docket: 56326-032 (IOPL-007)

---

**CERTIFICATE OF MAILING**

I certify that this document is being deposited on the date stated below, with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8(a) and is addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231.

5/22/01  
Date

Paul L. Speidel  
Paul L. Speidel

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

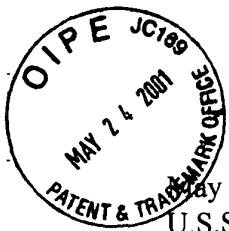
**INFORMATION DISCLOSURE STATEMENT**

In accordance with 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant hereby submits an information disclosure statement with information cited on the attached form PTO-1449. In accordance with 37 C.F.R. §1.98(d), copies of the cited patents and publications are filed attached.

This Statement is being filed before the receipt of any Official Action from the Patent and Trademark Office. A full copy of each cited publication is enclosed.

Applicant certifies that three items of information contained in the Information Disclosure Statement were cited in an International Search Report in connection with its counterpart PCT application. A copy of the International Search Report is enclosed.

This statement is *not* to be interpreted as a representation that the cited publications are material, that Applicant has conducted an exhaustive search, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, the Applicant understands the Examiner will make an



May 22, 2001  
U.S.S.N. 09/762,077  
Page 2

independent evaluation of the cited publications.

No additional costs are believed to be due in connection with the filing of this disclosure.

However, please charge any necessary fees raised by this paper to our Deposit Account No. 50-1133.

Respectfully submitted,

Date: May 22, 2000

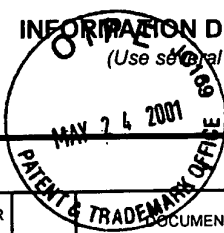
Jeffrey J. Miller  
Registration Number 39,773

McDERMOTT, WILL & EMERY  
28 State Street  
Boston, Massachusetts 02109  
Tel. (617) 535-4000  
Fax: (617) 535-3800



# INFORMATION DISCLOSURE CITATION

(Use several sheets if nec )



ATTY DOCKET NO. 56326-032 (IOPL-007)		SERIAL NO. 09/762,077
Edward A. Johnson		
FILING 01/30/01	GROUP Not yet known	

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A-1	4,620,104	10/28/86	Nordal et al.	250	493.1	
	A-2	4,644,141	02/17/87	Hagen et al.	219	543	
	A-3	4,859,858	08/22/89	Knodle et al.	250	504	
	A-4	4,876,413	10/24/89	Vermilyea	174	15.4	
	A-5	4,926,992	05/22/90	Linnig	192	48.2	
	A-6	5,060,508	10/29/91	Wong	73	31.02	
	A-7	5,074,490	12/24/91	Muse et al.	244	3.11	
	A-8	5,128,514	07/07/92	Lehmann et al.	219	209	
	A-9	5,220,173	06/15/93	Kanstad	250	493.1	
	A-10	5,324,951	06/28/94	Kocache et al.	250	493.1	
	A-11	5,444,249	08/22/95	Wong	250	343	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

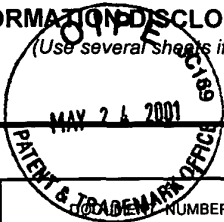
	C-1	Hutley, M.C. et al., The Total Absorption of Light By A Diffraction Grating, Optics Communications, 19(3), 431-36, 12/1976
	C-2	Loewen, E. G. et al., Dielectric Coated Gratings: A Curious Property, Applied Optics, 16(11), 3009-11, 11/1977

EXAMINER	DATE CONSIDERED
----------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION

(Use several sheets if neces



ATTY DOCKET NO.  
56326-032 (IOPL-007)

SERIAL NO.  
09/762,077

Edward A. Johnson

FILING  
01/30/01

GROUP  
Not yet known

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A-12	5,838,016	11/17/98	Johnson	250	504R	
	A-13	5,754,290	05/19/98	Rajic et al.	356	328	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	C-3	Rajic, S. et al., Design, Fabrication, and Testing of Micro-Optical Sensors Containing Multiple Aspheres, SPIE, 2536, 452-62, (1995)
	C-4	Gupta, Sandhya et al., Infrared Filters Using Metallic Photonic Band Gap Structures On Flexible Substrates, Appl. Phys. Lett. 71(17), 2412-14, 10/27/97

EXAMINER	DATE CONSIDERED
----------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.